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INDEX TO AMERICAN MYCOLOGICAL LITERATURE

Arthur, J. C. New species of Uredineae—X. Bull. Torrey Club **45**: 141–156. 1 My 1918.
New species are described in *Uromyces* (2), *Puccinia* (8), *Aecidium* (10), and *Uredo* (3).

Arthur, J. C. Uredinales of Costa Rica based on collections by E. W. D. Holway. Mycologia **10**: 111–154. My 1918.
New species are described in *Ravenelia* (1), *Uromyces* (3), *Puccinia* (13), *Aecidium* (3), and *Uredo* (2).

Arthur, J. C. Uredinales of the Andes, based on collections by Dr. and Mrs. Rose. Bot. Gaz. **65**: 460–474. 15 My 1918.
Includes the new genus *Cleptomyces* and new species in *Sphenosporea* (1), *Puccinia* (4), *Aecidium* (1).

Atkinson, G. F. Some new species of *Inocybe*. Am. Jour. Bot. **5**: 210–218. 16 My 1918.
Twenty-four new species are described.

Bessey, E. A., & Makemson, W. K. Notes on the control of rye smut (*Urocystis occulta*). Ann. Rep. Michigan State Board Agr. **56**: 305–307. 1917. [Illust.]

Boyce, J. S. Perennial mycelium of *Gymnosporangium blasdaleanum*. Phytopathology **8**: 161, 162. Ap 1918.

Brandes, E. W. Anthracnose of lettuce caused by *Marssonnia panattoniana*. Jour. Agr. Research **13**: 261–280. pl. C, 20 + f. 1–4. 29 Ap 1918.

Buchanan, R. E. Bacterial phylogeny as indicated by modern types. Am. Nat. **52**: 233–246. f. 1–3. F 1918.

Burnham, S. H. Lichens of the Berkshire Hills, Massachusetts. Bryologist **21**: 29–32. Mr 1918.

Burt, E. A. Corticiums causing Pellicularia disease of the coffee plant, Hypochnose of pomaceous fruits, and *Rhizoctonia* disease. Ann. Missouri Bot. Gard. **5**: 119–132. f. 1–3. Ap 1918.

Carpenter, C. W. Bean spot disease. Hawaii Agr. Exp. Sta. Ext. Bull. 8: [1-4] f. 1, 2. 14 Mr 1918.

Coons, G. H. Notes on Michigan plant diseases in 1916. Ann. Rep. Michigan State Board Agr. 56: 310-317. 1917.

Coons, G. H. Oat smut. Ann. Rep. Michigan State Board Agr. 56: 308, 309. 1917.

Coons, G. H. A *Phoma* disease of celery. Ann. Rep. Michigan State Board Agr. 56: 318. 1917.

Coons, G. H. The relation of weather to epidemics of late blight of potato. Ann. Rep. Michigan State Board Agr. 56: 317, 318. 1917.

Coons, G. H., & Nelson, R. The plant diseases of importance in the transportation of fruits and vegetables. 1-60. f. 1-98. Chicago. F 1918.

Fairman, C. E. Notes on new species of fungi from various localities—II. Mycologia 10: 164-167. My 1918.
Includes new species in *Phoma* (1), *Phomopsis* (1), *Sphaeropsis* (2), *Camarosporium* (1), *Rhabdospora* (1), *Microdiploidia* (1), *Hendersonia* (1), *Dictyochora* (1), *Platystomum* (1).

Faull, J. H. *Fomes officinalis* (Vill.) a timber destroying fungus. Trans. Royal Canadian Inst. Toronto 11: 185-209. pl. 18-25. 1916.

Hodgson, R. W. Black smut of figs. Month. Bull. State Comm. Hort. Calif. 7: 188, 189. f. 28. Ap 1918.

Holway, E. W. D. Infected grass seeds and subsequent rust development. Phytopathology 8: 169. 30 Ap 1918.

House, H. D. Report of the state Botanist, 1916. N. Y. State Mus. Bull. 197: 1-122. f. 1-12. 1 My 1918.
Includes new species in *Cercospora* (1), *Coryneum* (1), *Cryptospora* (1), *Cryptosporium* (1), *Dendrodochium* (1), *Diplodia* (2), *Eutypella* (1), *Gloeosporium* (1), *Leptosphaeria* (1), *Massarinula* (1), *Microdiploidia* (1), *Phoma* (1), *Ramularia* (1), *Septoria* (3), *Sphaeropsis* (3).

Humbert, J. G. Tomato diseases in Ohio. Ohio Agr. Exp. Sta. Bull. 321: 159-196. f. 1-2. F 1918. [Illust.]

Humphrey, H. B., & Potter, A. A. Cereal smuts and the disinfection of seed grain. U. S. Dept. Agr. Farm. Bull. 939: 1-28. f. 1-16. Ap 1918.

Jackson, H. S. Carduaceous species of *Puccinia*—I. Species occurring on the tribe Vernoniae. *Bot. Gaz.* 65: 289-312. 15 Ap 1918.
Includes *Puccinia fraterna*, *P. hyalina*, *P. rata*, *P. idonea*, *P. notha*, *P. praealta*, *P. discreta*, *P. inaequata* and *P. Kuntzii*, spp. nov.

Jones, F. R. Yellow-leafblotch of alfalfa caused by the fungus *Pyrenopeziza medicaginis*. *Jour. Agr. Research* 13: 307-330. pl. D, 25, 26 + 1-6. 6 My 1918.

Keith, G. W. Control of cherry leaf spot in Wisconsin. *Wisconsin Agr. Exp. Sta. Bull.* 286: 1-11. f. 1-7. F 1918.

Lehman, S. G. Conidial formation in *Sphaeronema fimbriatum*. *Mycologia* 10: 155-163. pl. 7. My 1918.

Lloyd, C. G. Letter No. 66. 1-16. Cincinnati. O 1917.

Lloyd, C. G. Mycological notes. 51: 717-732. f. 1075-1100 + portrait. N 1917. 52: 733-748. f. 1101-1123 + portrait. D 1917; 53: 749-764, f. 1124-1148 + portrait. Ja 1918.

Lloyd, C. G. The myths of mycology. 1-16. Exhibits A. E. Part 1. Cincinnati. D 1917

Long, W. H. An undescribed canker of poplars and willows caused by *Cytospora chrysosperma*. *Jour. Agr. Research* 13: 331-345. pl. 27, 28: 6 My 1918.

Long, W. H., & Harsch, R. M. Aecial stage of *Puccinia oxalidis*. *Bot. Gaz.* 65: 475-478. 15 My 1918.

McCubbin, W. A. Dispersal distance of urediniospores of *Cronartium ribicola* as indicated by their rate of fall in still air. *Phytopathology* 8: 35, 36. f. 1. 24 Ja 1918.

Merrill, J. H., & Melchers, L. E. Insects and plant diseases attacking garden crops. *Kansas Agr. Exp. Sta. Circ.* 65: 1-12. Ap 1918.

Morse, A. P. List of the water-color drawings of fungi by George E. Morris in the Peabody Museum of Salem. 1-70. Salem. 1918.

Murphy, P. A., & Wortley, E. J. Determination of the factors inducing leaf-roll of potatoes particularly in northern climates. (First progress report.) *Phytopathology* 8: 150-154. f. 1. 30 Ap 1918.

Murrill, W. A. Illustrations of fungi—XXVIII. *MYCOLOGIA* 10: 107-110. pl. 6. My 1918.

Pycnoporus cinnabarinus, *Poronidulus conchifer*, *Polyporus Polyporus*, *Bjerkandera adusta*, *Tyromyces amorphus*, and *Cerrena unicolor*, are illustrated in color.

Osner, G. A. *Stemphylium* leafspot of cucumbers. *Jour. Agr. Research* 13: 295-306. *pl. 21-24 + f. 1-3.* 29 Ap 1918.

Parr, R. The response of *Pilobolus* to light. *Ann. Bot.* 32: 177-205. *f. 1-4.* Ap 1918.

Pratt, O. A. Soil fungi in relation to diseases of the Irish potato in southern Idaho. *Jour. Agr. Research* 13: 73-100. *pl. A., B + f. 1-4.* 8 Ap 1918.

Rangel, E. Algunos fungos novas do Brasil. *Arch. Jard. Bot. Rio de Janeiro* 2: 69-71. *pl. 28-30.* 1918.

New species are described in *Puccinia* (3), *Septoria* (1), *Cercospora* (1) and *Helminthosporium* (1).

Roberts, J. W., & Pierce, L. Apple bitter rot and its control. U. S. Dept. Agr. Farm. Bull. 938: 1-14. *f. 1-3.* Ap 1918.

Rhoads, A. S. Some new or little known hosts for wood-destroying fungi—II. *Phytopathology* 8: 164-167. Ap 1918.

Shear, C. L. Pathological aspects of the federal fruit and vegetable inspection service. *Phytopathology* 8: 155-160. 30 Ap 1918.

Sherbakoff, C. D. Tomato diseases. *Florida Agr. Exp. Sta. Bull.* 146: 119-132. *f. 32-44.* Mr 1918.

Stakman, E. C., & Hoerner, G. R. The occurrence of *Puccinia graminis tritici-compacti* in the southern United States. *Phytopathology* 8: 141-149. *f. 1, 2.* Ap 1918.

Stevens, H. E. Melanose—II. *Florida Agr. Exp. Sta. Bull.* 145: 103-116. *f. 26-31.* F 1918.

Stevenson, J. A. The green muscardine fungus in Porto Rico. *Jour. Dept. Agr. Porto Rico* 2: 19-32. *pl. 1.* Ja 1918.

Stevenson, J. A. Report of the department of pathology and botany. *Ann. Rep. Ins. Exp. Sta. Porto Rico* 1917: 37-83. 1917.

Stevenson, J., & Rose, R. C. Vegetable diseases. *Ann. Rep. Ins. Exp. Sta. Porto Rico* 1917: 83-98. 1917.

Includes *Cercospora acrocomiae* and *Tubercularia coccicola*, spp. nov.

Stewart, F. C., & Mix, A. J. Blackheart and the aeration of potatoes in storage. *New York Agr. Exp. Sta. Bull.* 436: 321-362. *pl. 1-10.* Je 1917.

Stewart, F. C. The velvet-stemmed *Collybia*—a wild winter mushroom. N. Y. Agr. Exp. Sta. Bull. 448: 79–98. *pl. 1–10.* F 1918. [Illust.]

Sumstine, D. R. Fungi of Chautauqua County, New York. N. Y. State Mus. Bull. 197: 111–118. 1 My 1918.

Thomas, H. E. Cultures of *Aecidium tubulosum* and *A. passifloricola*. Phytopathology 8: 163, 164. 30 Ap 1918.

Turner, W. F. *Nezara viridula* and kernel spot of pecan. Science II. 47: 490, 491. 17 My 1918.

Wilson, G. W. Studies in North America Peronosporales—VII. New and noteworthy species. Mycologia 10: 168, 169. My 1918.

Rhysotheca Acalypphae sp. nov. is described.

Yates, H. S. Some recently collected Philippine fungi. Philip. Jour. Sci. 12: (Bot.) 361–380. N 1917.
Includes 38 new species in *Meliola* (17), *Asterina* (6), *Asterinella* (1), *Morenoella* (1), *Nectria* (1), *Trabutia* (1), *Melanopsamma* (1), *Mycosphaerella* (1), *Stigmatea* (1), *Merrilliopelets* (1), *Pleospora* (1), *Hypoxyylon* (1), *Nummularia* (1), *Xylaria* (1), *Piostoma* (1), *Phyllosticta* (1), and *Melanconium* (1).

Zeller, S. M., & Dodge, C. W. *Gautieria* in North America. Ann. Missouri Bot. Gard. 5: 133–142. *pl. 9.* Ap 1918.
Gautieria plumbea sp. nov. is described.

Zeller, S. M., & Dodge, C. W. *Rhizopogon* in North America. An. Missouri Bot. Gard. 5: 1–36. *pl. 1–3.* F 1918.
Nine new species are described.